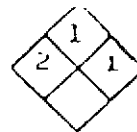


# Witco MATERIAL SAFETY DATA SHEET



Balkamp, Inc. Hydraulic Jack Oil

## SECTION I

PRODUCT

4075

4-5252

WITCO MANUFACTURING DIVISION OR SUBSIDIARY Southwest Petro-Chem (Omaha), Inc.		EMERGENCY TELEPHONE MANUFACTURER 402 455-5040
ADDRESS (NUMBER STREET CITY STATE ZIP CODE) 6200 No. 16th St., Omaha, Nebraska 68110		CHEM TREC 1 (800) 424 9300
CHEMICAL NAME OR FAMILY Petroleum Hydrocarbon	FORMULA Complex mixture of petroleum hydrocarbons.	

## SECTION II - CHEMICAL AND PHYSICAL PROPERTIES

BOILING PT. N/D °C ( ) °F ( ) MELTING PT. -33 °C (-27 °F)	VAPOR PRESSURE (mmHg at 20 °C) N/D	VAPOR DENSITY (AIR = 1) N/D	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) 0.908
EVAPORATION RATE ( ) N/D	SOLUBILITY IN H <sub>2</sub> O AT 25 °C Nil	PERCENT VOLATILE (BY WT. %) N/D	STRONG ACID ( ) STRONG BASE ( )
PHYSICAL FORM AND ODOR Clear green liquid. Mild petroleum odor.			STABLE (X) UNSTABLE ( )
HAZARDOUS DECOMPOSITION PRODUCTS Dense black smoke, CO, CO <sub>2</sub> , and oxygenates can be formed during combustion.			
INCOMPATIBILITY (KEEP AWAY FROM) High heat and open flames; strong oxidants like liquid chlorine and concentrated oxygen.			
LIST ALL TOXIC AND HAZARDOUS INGREDIENTS No polychlorinated biphenyls (PCBs) No polybrominated biphenyls (PBBs)			

## SECTION III - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED) 154 °C 310 °F COC	FLAMMABLE LIMITS % LOWER % UPPER ND
EXTINGUISHING AGENTS (X) DRYCHEMICAL (X) CO <sub>2</sub> (X) WATERSPRAY OR FOG (X) Foam	
SPECIAL FIRE FIGHTING PROCEDURES Do not direct water into fire. Use air-supplied rescue equipment for enclosed areas. Cool exposed containers with water.	
UNUSUAL FIRE AND EXPLOSION HAZARDS Do not store or mix with strong oxidants, such as liquid chlorine and concentrated oxygen.	

## SECTION IV - HEALTH HAZARD DATA

PERMISSIBLE CONCENTRATIONS (AIR) For oil mist: 5 mg/m <sup>3</sup> .	EFFECTS OF OVEREXPOSURE Mild skin irritation. Lung irritation.
TOXICOLOGICAL PROPERTIES Slight possibility because of heavy or prolonged exposure and/or poor personal hygiene of dermatitis, folliculitis, oil acne, skin cancer.	
EMERGENCY FIRST AID PROCEDURES EYES Wash eyes with water or eyewash. SKIN CONTACT Wash with soap and water, after excess has been removed by wiping with paper or cloth. INHALATION Remove to ventilated area. IF SWALLOWED Give 2 to 4 glasses of water (or milk). Do not induce vomiting. Keep warm. Get	

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## SECTION V - SPECIAL PROTECTION INFORMATION

VENTILATION TYPE REQUIRED (LOCAL, MECHANICAL, SPECIAL) Local, such as a free flow of air to the outside, to prevent exposure to vapor or mist. Special ventilation would only be required in the case of hot fumes.	
RESPIRATORY PROTECTION (SPECIFY TYPE) Normally not needed. NIOSH-approved respirator to avoid exposure to hot vapor or mist.	
PROTECTIVE GLOVES Normally not needed; rubber gloves if possibility of large exposure.	EYE PROTECTION Normally not needed; goggles if it is being sprayed or splashed.
OTHER PROTECTIVE EQUIPMENT Appropriate clothing to avoid skin contact; oil-impervious apron if needed.	

## SECTION VI - HANDLING OF SPILLS OR LEAKS

PROCEDURES FOR CLEAN UP Recover free liquid: absorb with clay, diatomaceous earth, or other inert material and scrape up; if large quantity, if possible, use a pump. Keep out of streams and waterways.
WASTE DISPOSAL Properly designated containers and sites; incinerate absorbed material through controlled burning in compliance with local regulations.

## SECTION VII - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Store away from high heat and open flames; keep containers closed. Avoid prolonged breathing of oil vapors and mist. Avoid prolonged skin contact. Launder contaminated clothing before re-wearing. Discard contaminated leather goods. Wash hands before eating or smoking.
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## SECTION VIII - TRANSPORTATION DATA

U.S. DEPARTMENT OF TRANSPORTATION HAZARD CLASS Not classified as a hazard.	<input type="checkbox"/> UNREGULATED BY D.O.T.
LABEL REQUIRED None	
U.S. D.O.T. PROPER SHIPPING NAME Lube Oil (Lubricating Oil)	
TRANSPORTATION EMERGENCY INFORMATION CHEM TREC 1-800-424-9300	

## SECTION IX - COMMENTS

Product should only be used for purpose for which it is intended.
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SIGNATURE <u>Michael G. Boz</u>	TITLE <u>Laboratory Manager</u>
REVISION DATE <u>9/30/79</u>	DATE SENT <u>10/4/79</u>

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